

NDSU Langdon Research Extension Center
2024 Variety Trial

Oat - 2024	Langdon
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Variety	Days to Head	Plant Height	Test Weight	Crown Rust	Lodging	Grain Yield			2-yr Avg.	3-yr Avg.
						2022	2023	2024		
		in	lbs/bu	1-9	1-9	-----bu/a-----				
AAC Douglas	55.2	44.8	34.5	7	2	187.3	156.2	144.6	150.4	162.7
Beach	56.1	47.9	41.2	1	4	160.4	119.4	153.3	136.4	144.4
CS Camden	56.6	42.4	32.5	7	1	197.3	142.6	142.6	142.6	160.8
Deon	61.3	47.2	37.3	1	4	185.3	144.9	180.1	162.5	170.1
CDC Endure	57.2	45.5	36.2	2	1	--	153.1	177.0	165.0	--
HiFi	57.9	48.3	37.5	2	2	184.7	137.2	166.8	152.0	162.9
Jury	56.4	52.3	36.3	2	8	182.9	139.7	183.9	161.8	168.8
Killdeer	55.7	40.5	35.5	2	4	189.3	128.0	170.7	149.3	162.7
Leggett	58.2	44.6	37.9	1	4	186.3	140.1	173.1	156.6	166.5
MN Pearl	57.2	45.9	37.1	1	2	191.8	128.8	186.0	157.4	168.9
ND Carson	57.7	45.5	37.3	2	1	205.0	148.0	187.7	167.9	180.2
ND Crema*	61.0	49.7	44.5	1	4	124.5	87.0	103.4	95.2	105.0
ND Heart	55.9	47.4	38.4	1	4	174.9	126.8	162.7	144.7	154.8
ND Spilde	56.6	48.9	36.7	1	5	186.6	148.1	178.2	163.2	171.0
Newburg	60.4	46.9	34.8	2	4	204.6	135.7	182.0	158.9	174.1
Otana	59.0	49.3	35.7	4	8	164.7	145.4	151.3	148.3	153.8
Paul*	62.1	48.6	43.5	1	7	126.0	91.0	115.0	103.0	110.7
Rockford	60.0	50.8	38.7	3	2	182.2	126.8	159.7	143.2	156.2
SD Buffalo	55.4	48.9	39.2	1	3	189.2	132.0	176.6	154.3	165.9
SD Momentum	61.6	54.7	40.7	1	7	--	--	173.1	--	--
SD Titan	56.6	51.1	39.0	1	5	--	--	173.2	--	--
Trial Mean	57.9	47.4	38.3	1.7	3.8	179.1	133.2	167.1	--	--
C.V. %	1.6	2.5	1.3	29.1	43.3	3.7	6.1	6.4	--	--
LSD 10%	1.1	1.4	0.6	0.6	1.9	7.9	9.6	12.6	--	--

* Hull-less variety

Planting Date: May 20

Harvest Date: September 10

Previous Crop: Soybean

Soil Type: Svea-Barnes loam

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.